

**REFERENCE NUMERALS**

Semiconductor processing system	100
Transfer chamber	102
Processing chambers	104
Load lock chambers	106
Transfer robot	108
Factory interface FI	110
Substrates	112
Storage cassettes	114
FI robot	116
Port	126
Interior volume	128
Facet	142
Passage	144
Slit valve	146
Edge grip Apparatus	150
Blades	202
End effectors	202
Wrist	204
Jaw assemblies 206A and 206b	206
Jaws	208
Mounting bracket	210
Biasing element	212
Base	214
Arm	216
Striker	218
Gripper	220
First end	222
Second end	224
Pin	226
First end	228
Second end	230
Shaft	232
Roller	234
Inner Pins	236a
Outer Pins	236b
Pivot hole	260
Pin	270
Hole	275
Retaining ring	270
Lip	280
Rotatable disk	300
Shaft	302
Bearing	304

Bolt	375
Edge	402
Slit valve	404
Striker pads	406
Strikers	418
Arrow	420
Transfer chamber	502
Processing chamber	504
Striker pad	602
Mounting bracket	604
Threaded stud	606
Hole	608
Set Screw	610
Bearing	620
Sleeve	622
Shaft	624